

## INTERNATIONAL SEARCH REPORT

PCT/GB 03/04373

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01J19/10 B01D21/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>HAWKES J J ET AL: "FORCE FIELD PARTICLE FILTER, COMBINING ULTRASOUND STANDING WAVES, AND LAMINAR FLOW" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. B75, no. 3, 15 May 2001 (2001-05-15), pages 213-222, XP001150235 ISSN: 0925-4005 figure 1</p> <p style="text-align: center;">--- -/--</p>	1-7, 11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

11 February 2004

Date of mailing of the international search report

18/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Plaka, T

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HAWKES J J ET AL: "SINGLE HALF-WAVELENGTH ULTRASONIC PARTICLE FILER: PREDICTIONS OF THE TRANSFER MATRIX MULTILAYER RESONATOR MODEL AND EXPERIMENTAL FILTRATION RESULTS" JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 111, March 2002 (2002-03), pages 1259-1266, XP001164143 ISSN: 0001-4966 figure 1	1-3,5-7
X	WO 00 41794 A (COAKLEY WILLIAM TERENCE ;UNIV CARDIFF (GB); HAWKES JEREMY JOHN (GB) 20 July 2000 (2000-07-20) the whole document	1-7
X	US 6 332 541 B1 (COAKLEY WILLIAM TERENCE ET AL) 25 December 2001 (2001-12-25) column 3, line 55 -column 4, line 45; figure 3	1-3,5-7

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0041794	A	20-07-2000	AU	1995800 A	01-08-2000
			WO	0041794 A1	20-07-2000
US 6332541	B1	25-12-2001	AU	7223798 A	27-11-1998
			WO	9850133 A1	12-11-1998
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			JP	2001525722 T	11-12-2001